

Title (en)
MULTILAYER FILMS AND METHODS OF MANUFACTURE

Title (de)
MEHRSCHICHTFOLIEN UND VERFAHREN ZUR HERSTELLUNG

Title (fr)
FILMS MULTICOUCHE ET PROCÉDÉS DE FABRICATION

Publication
EP 3016801 A1 20160511 (EN)

Application
EP 14748012 A 20140702

Priority
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Abstract (en)
[origin: US2015010740A1] Films having shrinkage percentage values based, at least in part, upon the core layer densities of the films are disclosed. Methods for manufacturing such films are also disclosed. In addition, methods for selecting a core layer density of a film to obtain a desired film shrinkage percentage are disclosed.

IPC 8 full level
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B29C 61/003 (2013.01 - EP US); **B32B 7/02** (2013.01 - EP US); **B32B 27/08** (2013.01 - EP US); **B32B 27/306** (2013.01 - EP US); **B32B 27/32** (2013.01 - EP US); **B32B 27/325** (2013.01 - EP US); **B32B 27/36** (2013.01 - EP US); **B32B 2250/40** (2013.01 - EP US); **B32B 2307/736** (2013.01 - EP US); **B32B 2323/043** (2013.01 - EP US); **B32B 2323/046** (2013.01 - EP US); **B32B 2331/04** (2013.01 - EP US); **Y10T 428/2495** (2015.01 - EP US); **Y10T 428/2492** (2015.01 - EP US)

Citation (search report)
See references of WO 2015003072A1

Citation (examination)
US 2005214557 A1 20050929 - ARTHURS TREVOR [CA], et al

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

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BA ME

DOCDB simple family (publication)
US 2015010740 A1 20150108; AU 2014284346 A1 20160204; AU 2014284346 B2 20180628; CA 2917300 A1 20150108; CN 105517793 A 20160420; CN 105517793 B 20171222; EP 3016801 A1 20160511; WO 2015003072 A1 20150108

DOCDB simple family (application)
US 201414322678 A 20140702; AU 2014284346 A 20140702; CA 2917300 A 20140702; CN 201480048511 A 20140702; EP 14748012 A 20140702; US 2014045278 W 20140702